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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/817,177	04/04/2004	Deok Hwan Jang	0001618/2242USU	2788

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EXAMINER

NGUYEN, HUY D

ART UNIT PAPER NUMBER

2681

DATE MAILED: 10/20/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/817,177	<b>Applicant(s)</b> JANG, DEOK HWAN	
	<b>Examiner</b> Huy D. Nguyen	<b>Art Unit</b> 2681	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 29 September 2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3 and 5 is/are rejected.
- 7) ☒ Claim(s) 4 and 6 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Specification***

1. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

2. The abstract of the disclosure is objected to because the abstract includes more than one paragraph and exceeds 150 words. Correction is required. See MPEP § 608.01(b).

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-3, 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Koo (U.S. Patent No. 6,889,048) in view of Kim (US 2001/0009863 A1).

Regarding claim 1, Koo teaches a method for reception and processing of services in a mobile communication terminal based on relevant conditions, the method comprising: setting the priority condition for the service reception and processing for each caller identification (CID) and managing the same in the mobile communication terminal (see column 4, lines 11-35); and upon the reception of a service having certain caller identification (CID) information, checking

Art Unit: 2681

the priority condition for the corresponding caller identification (CID) and accepting or rejecting the received service according to the relevant priority condition (see figure 3 and column 4, line 55 to column 5, line 11).

Koo does not teach method for reception and processing of services in a mobile communication terminal based on time. However, the preceding limitation is taught in Kim (see paragraphs [0028] and [0035]). It would have been obvious to one having ordinary skill in the art at the time the invention was made to apply the teaching of Kim to the teaching of Koo to provide a method for rejecting incoming calls in a telecommunication unit during a particular time (see paragraph [0010]).

Regarding claim 2, the combination of Koo in view of Kim teaches the method for reception and processing of services in a mobile communication terminal based on relevant conditions as claimed in claim 1, wherein said setting and managing the priority and time condition is conducted by registering/de-registering caller identification (CID)s classified as groups or individual caller identification (CID)s and setting, registering and managing the priority for the reception processing at certain specific time condition when registering each caller identification (CID) group or individual caller identification (CID) (see Koo: column 4, line 55 to column 5, line 11 and see Kim: paragraphs [0028] and [0035]).

Regarding claim 3, the combination of Koo in view of Kim teaches the method for reception and processing of services in a mobile communication terminal based on relevant conditions as claimed in claim 1, wherein said accepting or rejecting the received service comprises: upon the reception of an incoming call, SMS or MMS from a certain caller or sender, extracting caller identification (CID) information from the received service message; searching

Art Unit: 2681

the priority and time condition set for the caller identification (CID) indicated in the extracted caller identification (CID) information and checking the priority for the caller identification (CID) at the present condition; and accepting or rejecting the incoming call, SMS or MMS according to the checked priority (see Koo: column 4, line 55 to column 5, line 11 and see Kim: paragraphs [0028] and [0035]).

Regarding claim 5, the combination of Koo in view of Kim teaches the method for reception and processing of services in a mobile communication terminal based on relevant conditions as claimed in claim 1, further comprising: upon the reception of a service with certain caller identification (CID) information while using a specific service in the mobile communication terminal in which the priority and time condition are set for each caller identification (CID), checking the priority and time condition for the caller identification (CID) indicated in said caller identification (CID) information; and determining whether or not the specific service will be proceeded continuously and accepting or rejecting the received service according to the checked priority and time condition of the caller identification (CID) (see Koo: column 4, line 55 to column 5, line 11 and see Kim: paragraphs [0028] and [0035]).

***Allowable Subject Matter***

5. Claims 4 and 6 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Regarding claim 4, the closest prior arts, Koo and Kim, either singularly or in combination, fail to teach the method for reception and processing of services in a mobile

communication terminal based on relevant conditions as claimed in claim 3, wherein said accepting or rejecting according to the checked priority is conducted by: if the priority is set as "high", accepting the service is irrespective of the present reception mode set in the mobile communication terminal; if the priority is set as "middle", accepting the service according to the present reception mode set in the mobile communication terminal; and if the priority is set as "low", rejecting the service irrespective of the present reception mode set in the mobile communication terminal.

Regarding claim 6, the closest prior arts, Koo and Kim, either singularly or in combination, fail to teach the method for reception and processing of services in a mobile communication terminal based on relevant conditions as claimed in claim 5, wherein said accepting or rejecting of the received service is conducted by: if the priority for the caller identification (CID) at the present time is set as "high", stopping the current proceeding of the specific service and accepting the received service; if the priority for the caller identification (CID) at the present time is set as "middle", displaying on an LCD window a message setting forth said caller identification (CID) information and asking whether or not to accept the received service, and accepting or rejecting the received service according to the instruction of the user of the terminal; and if the priority for the caller identification (CID) at the present time is set as "low", rejecting the received service and the continuing to proceed the current specific service.

***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Carley (US 2005/0086494 A1) teaches secure management access control for computers, embedded and card embodiment.
- Brahm et al. (US 2003/0215078 A1) teaches systems and methods for call screening.
- Henz (US 2003/0185372 A1) teaches method for putting through at least one call having a predeterminable priority.

***Contact Information***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Huy D. Nguyen whose telephone number is 571-272-7845. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph H. Feild can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HN  
Huy Nguyen

  
JOSEPH FEILD  
SUPERVISORY PATENT EXAMINER